Amendments to the Claims

This listing of claims will replace all prior listings of claims in the application.

Listing of Claims

1. (Currently amended) A microscope for ~~the~~ wide-angle viewing of an eye to be treated with an optical device which is provided between a lens and the eye, and which creates a reversed image for facilitating a viewing of the fundus of the eye, and with a device for image reversion and image erection, said device for image reversion and image erection being configured to lie in a beam path of the microscope, wherein ~~the~~said device for image reversion and image erection ~~consists of~~comprises a Porro prism system of the second type which has a small height, and which is carried by a holder ~~fastened on~~connected to the microscope so as to be moved or swung into the beam path of the microscope between the lens and the eye to be treated, wherein the Porro prism system is provided directly in front of the lens at a distance from the eye.

2. (Original) The microscope according to Claim 1, wherein the optical device for viewing the fundus of the eye is mounted on the holder.

3. (Original) The microscope according to Claim 1, wherein the optical device for viewing the fundus of the eye is configured to be placed onto the eye.

4. (Currently amended) The microscope according to Claim 1, wherein the holder is configured to be rotated about a swivel axle arranged ~~at least one of~~ on an underside of the microscope~~, on said microscope and movably in a guideway~~.

5. (Original) The microscope according to Claim 1, wherein the prism system is arranged in a closed housing which has openings for the beam path.

6. (Currently amended) The microscope according to Claim 1, wherein between the prism system and the lens there is provided a projection lens for adjusting the beam path, ~~which~~the projection lens ~~is~~being directly adjacent to the lens ~~after~~only when the prism system has been moved or swung into the beam path of the microscope.

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7. (Currently amended) The microscope according to Claim ~~1~~4, wherein the swivel axle is provided approximately horizontally or vertically on the microscope.

8. (Currently amended) The microscope according to Claim 1, wherein the optical device for viewing the fundus of the eye ~~consists of~~comprises a lens system movably arranged along the beam path.

9. (Currently amended) ~~The microscope according to Claim 8, wherein an additional~~ A microscope for the wide-angle viewing of an eye to be treated with a first optical device which is provided between a lens and the eye, and which creates a reversed image for facilitating a viewing of the fundus of the eye, and with a device for image reversion and image erection, said device for image inversion and image erection being configured to lie in a beam path of the microscope, wherein said device for image reversion and image erection comprises a prism system which has a small height, and which is carried by a holder connected to the microscope so as to be moved or swung into the beam path of the microscope between the lens and the eye to be treated, a second optical device movable lengthwise of the beam path and relative to the prism system, wherein the second optical

device is provided in the beam path between the first optical device for viewing the fundus of the eye and the prism system.

10. (Currently amended) The microscope according to Claim ~~8~~9, wherein the first and second optical devices are for at least one of wide-angle viewing ~~and/or~~and for ~~the~~an intermediate image, and are configured to be operated by ~~means of~~ manually or electromotively driven spindle drives.

11. (Cancelled)

12. (Cancelled)

13. (Currently amended) The microscope according to Claim 1, wherein the ~~holder~~optical device is configured to be moved along the beam path by ~~means~~operation of a first spindle drive.

14. (Currently amended) The microscope according to Claim 13, the first spindle drive supporting a threaded spindle, wherein the optical device is supported on a carriage which is guided longitudinally movably on a first guide pin mounted on the holder and extending parallel with respect to the first spindle drive, and wherein a first control knob for the first spindle drive is supported on the threaded spindle.

15. (Currently amended) The microscope according to Claim 14, wherein the ~~additional~~optical device comprises a first optical device and a second optical device is configured to be moved along the beam path by ~~means of~~ a second spindle drive ~~fastened~~secured on a ~~first~~second guide pin in order to adjust ~~to the~~an intermediate image, wherein the first guide pin is connected to ~~a~~the second guide pin through a connecting plate, and wherein a second control knob is provided for controlling~~driving~~ the second spindle drive.

16. (Currently amended) The microscope according to Claim 15, wherein the first and second control knobs are configured to be manually operated.

17. (Currently amended) The microscope according to Claim 15, wherein at least one of the control knobs is configured to be operated by ~~means of~~ an electric drive.

18. (Currently amended) The microscope according to Claim 17, wherein the electric drive includes an electric motor, an output of ~~which~~said electric motor ~~is~~being rotationally coupled to at least one of the first and second control knobs through a flexible shaft.

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19. (Currently amended) The microscope according to Claim 1, ~~wherein~~ the prism system ~~consists of~~comprising two image-reversing and image-erecting systems.

20. (Currently amended) ~~The~~A microscope ~~according to Claim 1, wherein two~~for the wide-angle viewing of an eye to be treated with an optical device which is provided between a lens and the eye, and which creates a reversed image for facilitating a viewing of the fundus of the eye, and with a device for image reversion and image erection, said device for image reversion and image erection being configured to lie in a beam path of the microscope, wherein said device for image reversion and image erection comprises a prism system which has a small height, and which is carried by a holder connected to the microscope so as to be moved or swung into the beam path of the microscope between the lens and the eye to be treated, including first and second prisms lying essentially in a first~~one~~ plane and superposing the~~a~~ beam path ~~are~~, the first and second prisms being arranged in front of ~~and behind each~~ the prism system and closest to the lens, wherein ~~a~~ prism ~~base~~bases of the ~~two~~first and second prisms ~~each lie in~~

~~approximately one plane,~~ are oppositely arranged~~, wherein a~~ so that the prism ~~base~~bases of each said prism ~~closest to the lens~~ do not face one another ~~and one of the other prisms face one another~~.

21. (Currently amended) The microscope according to Claim 20, wherein a ~~focusing lens or~~ dispersing lens is arranged between each said prism and the prism system, and wherein the dispersing lenses are adjacent to the lens of the microscope.

22. (New) The microscope according to Claim 21, including third and fourth prisms lying essentially in a second plane and superposing the beam path, said third and fourth prisms being arranged between the prism system and the eye to be viewed with the prism bases of the third and fourth prisms facing one another.

23. (New) The microscope according to Claim 22, including a pair of focusing lenses arranged between said prism system and said third and fourth prisms.

24. (New) The microscope according to Claim 20, including third and fourth prisms lying essentially in a second plane and superposing the beam path, said third and fourth prisms being arranged between the prism system and the eye to be viewed with the prism bases of the third and fourth prisms facing one another.

25. (New) A microscope and attachment for wide-angle viewing of an eye, said microscope having a microscope lens at a lower end thereof defining a beam path and said attachment comprising:

a holder pivotally secured at a lower end of said microscope;

a prism system for image reversion and image erection, said prism system being secured to said holder and having a first opening at an end adjacent said microscope and a second opening at an opposing end;

a projection lens positioned in the first opening adjacent said microscope; and

an optical device mounted to said holder and positioned between said prism system and an eye to be viewed,

wherein said prism system, said projection lens and said optical device are pivotable from a position in the beam path of said microscope between the microscope lens and the eye to be viewed and a position out of alignment with the beam path of said microscope.

26. (New) The microscope and attachment according to Claim 20, including a guideway secured to said holder, wherein said optical device is adjustable in the direction of the beam path, said optical device being secured to a holding element that is received in said guideway.